Panasonic

Digital Cordless Phone

Operating Instructions

Model No. **KX-TCD400NZ**

Preparation

Cordless Telephone

Useful Information

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PLEASE READ BEFORE USE AND SAVE.

Charge the battery for about 7 hours before initial use.

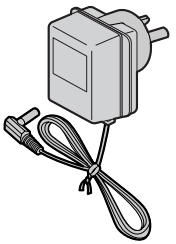
Before Initial Use

Thank you for purchasing your new Panasonic digital cordless telephone.

Dear purchaser,
You have acquired a KX-TCD400NZ, which is a product made in regard with the European Standards for Cordless Telephones (DECT). DECT technology is characterized by high-security protection against interceptions as well as high-quality digital transmission.

Accessories (included)

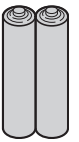
☐ AC Adaptor PQLV200ALZ



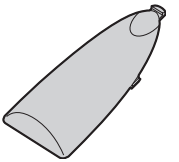
☐ Telephone Line Cord



☐ Rechargeable Batteries (AAA size) HHR-4EPT/BA2 (P03P)



☐ Battery Cover



Additional accessories are available for purchase. Contact your Panasonic Service Centre for further details.

Only use the power supply included with the product.
Do not connect the AC Adaptor to any AC outlet other than the standard AC230V.
The apparatus is approved for use with PQLV200ALZ power supply.
This apparatus is unable to make emergency telephone calls under the following conditions:

- The portable handset batteries need recharging, or have failed.
- During a mains power failure.
- When the Key Lock is set to ON.
- When the unit is in Direct Call mode.

Do not open the base unit or handset (other than to change the batteries).
This apparatus should not be used near emergency/intensive care medical equipment and should not be used by people with pacemakers.
Care should be taken that objects do not fall onto, and liquids are not spilled into the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration or shock.

Environment

Do not use this unit near water.
This unit should be kept away from heat sources such as radiators, cookers, etc. It should also not be placed in rooms where the temperature is less than 5°C or greater than 40°C.
The AC Adaptor is used as the main disconnect device, ensure that the AC outlet is located / installed near the unit and is accessible.

WARNING:
TO PREVENT THE RISK OF ELECTRICAL SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY OTHER TYPE OF MOISTURE.

Battery Caution

Use only specified batteries.
Only use rechargeable batteries.
Do not mix old and new batteries.
Do not dispose of batteries in a fire, they may explode.
Check local waste management codes for special disposal instructions.
Do not open or mutilate the batteries.
Released electrolyte is corrosive and may cause burns or injury to the eyes or skin.
The electrolyte may be toxic if swallowed.
Exercise care in handling the batteries in order not to short the batteries with conductive materials such as rings, bracelets and keys.
The batteries and/or conductor may overheat and cause burns.
Charge the batteries provided in accordance with the information given in this operating guide.

Location

- For maximum distance noise-free operation, place your base unit:
 - Away from electrical appliances such as TV, radio, personal computer or another phone.
 - In a convenient high and central location.

Safety Caution

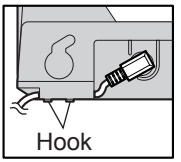
The ringer tone is reproduced through the earpiece. To avoid damage to hearing, first answer the call, then hold the phone to the ear.

Setting up

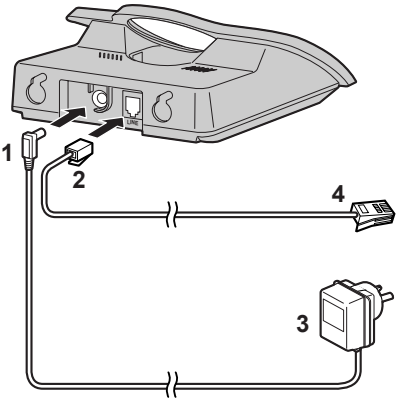
Connection

Do not connect the telephone line cord to the phone socket **4** until the handset is fully charged.

Plug in the AC adaptor and the telephone line cord in order **1**, **2**, **3**.



Fasten the AC adaptor cord to prevent it from being disconnected.



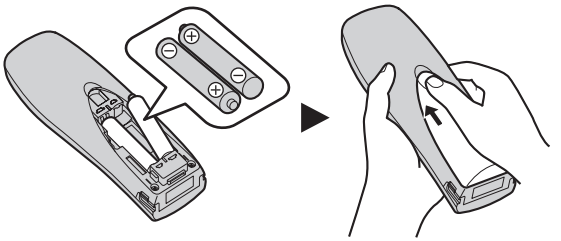
The AC adaptor must remain connected at all times (It is normal for the adaptor to feel warm during use).

- Never install telephone wiring during a lightning storm.

Battery Installation

Please ensure the batteries are inserted as shown. ⊖ part should be inserted first. Close the cover as indicated by the arrow.

- When you replace the batteries, ⊕ part should be removed first.

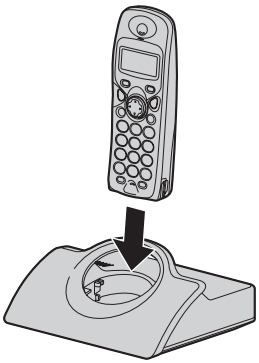


To replace the battery:
Press the notch on the cover firmly and slide it as indicated by the arrow. Replace 2 batteries and close the cover then charge the handset for about 7 hours.

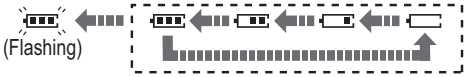


Battery Charge

At the time of shipment, the batteries are not charged. To charge, place the handset on the base unit. **Please charge the batteries for about 7 hours before initial use.** During charging, the battery icon is as shown below.



Fully charged **During charging**



Display icon	Battery strength
	High
	Medium
	Low
	Needs to be charged

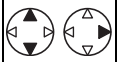
The handset, when powered off will be turned on automatically when it is placed on the base unit.
In normal use, the handset and the base unit should be powered on at all times.

Battery Life

Battery life is dependent on use and conditions but in general when using fully charged Ni-MH batteries (700 mAh):
Talk time: 10hrs approx.
Standby time: 120hrs approx.
When using Ni-Cd batteries (250 mAh):
Talk time: 4hrs approx.
Standby time: 40hrs approx.
(Times indicated are for peak performance)
The batteries reach peak performance after several full charge/discharge cycles.
The batteries cannot be overcharged unless they are repeatedly removed and replaced.
If battery life is shortened then please check that battery and charge terminals are clean.
For maximum battery life, it is recommended that the handset is not recharged until battery icon flashes .

Setting up

Symbols Used in This Operating Instructions

Symbol	Meaning
	To search the desired item, press **UP** or **DOWN**.
	To select the desired item, press **RIGHT**.
	To search and then to select the desired item, press **UP** or **DOWN** then **RIGHT**.
	To move the cursor to the right or to the left, press **RIGHT** or **LEFT**.
➧	To go to the next step.
" "	The words in " " indicate the words in display.

Replacing the Batteries

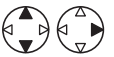
If the icon flashes after a few telephone calls even when the handset batteries have been fully charged, 2 batteries must be replaced.

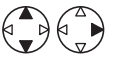
Charge new batteries for approximately 7 hours before initial use.
(The telephone line cord must not be connected to the telephone socket at this time.)

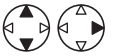
When replacing the batteries, ensure that the correct battery type is selected.

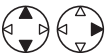
Selecting the Battery Type

1 
Press **MENU**.

2 
Search/Select "SETTING HS".

3 
Search/Select "OTHER OPT".

4 
Search/Select "BATTERY TYPE".

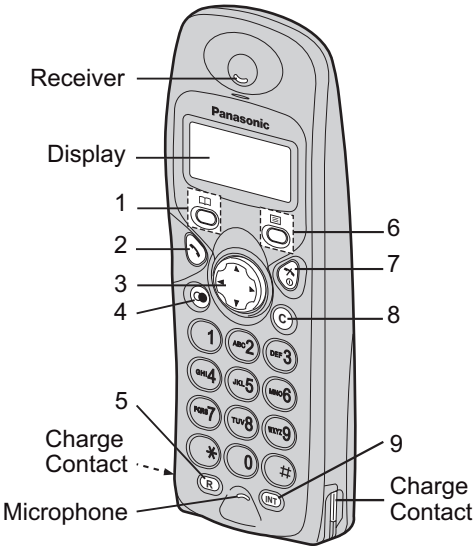
5 
Search/Select "NI-CD" or "NI-MH".

- To exit the operation, press  any time.
- When Ni-Cd batteries are fitted with the "BATTERY TYPE" setting in "NI-MH", icon will disappear and stop charging even if the handset is on the cradle.
- Do not use non-rechargeable batteries. If non-rechargeable batteries are fitted and start charging, it may cause the leakage of the battery electrolyte.

Please use only Panasonic P03P(Ni-MH) or P03H(Ni-Cd) batteries.

Location of Controls

Handset



1 - : **PHONEBOOK** Button

2 - **TALK** Button

3 - Navigator Key

4 - **REDIAL/PAUSE** Button

5 - **RECALL** Button

6 - : **MENU/OK** Button

7 - **OFF/POWER** Button

8 - **CLEAR** Button

9 - **HOLD** Button

Handset Display

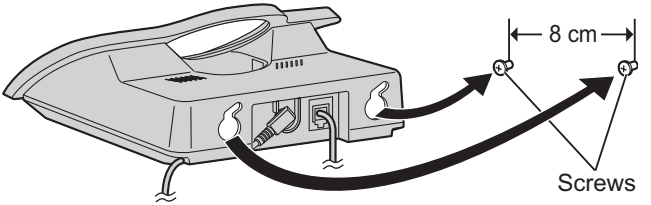
- Within range of a base unit
- Out of range / No power on base unit
- Using the handset
- Making or answering calls
- Phonebook Mode
- In Setting Mode
- Battery strength is low.
- Battery strength is high.

- Call BAR ON (p.19)
- Direct Call ON (p.20)
- Key Lock ON (p.21)
- Ringer Volume OFF (p.17)
- Dialling Pause (p.21)

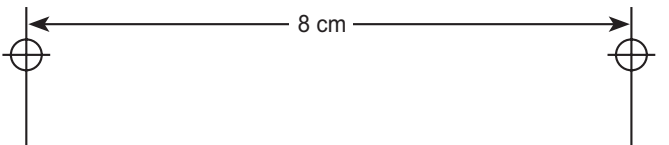
Wall Mounting

This unit can be mounted on a wall.

- Insert screws into the wall. The centre of the screw hole should be 8 cm horizontally apart.
- Connect the AC adaptor and the telephone line cord.
- Arrange the wires as shown, then mount the unit.



Wall Template



Power On/Off

Power on

Press for more than 1 second.*1

Power off

Press for more than 2 seconds.*2

*1 When button is released, the display changes to the standby mode.
*2 The display goes blank.

Making a Call

Pre-dialling

1 **Phone Number** *1 **2** Press **TALK**.

Post-dialling

1 Press **TALK**. **2** **Phone Number**

*1 If you need correction, press **CLEAR**. Digit is cleared to the left, then enter numbers.

Answering a Call

Press **TALK**. *1

Terminating a Call

(During a call) ➧ Press **OFF**.

- Each ringer will start ringing with lower volume then gradually increase the volume when receiving a call.

*1 You can also answer a call by pressing any dialling button, **HOLD**, # or *.

Setting the Clock/Date

After a mains power failure the clock needs to be reset. Ensure that icon is not flashing.

1 Press **MENU**. **2** Search/Select "SETTING BS". ➧ "INPUT CODE" **3** ➧ **Time** Enter time. 4-digit (24 hour clock) *1

4 Press **OK**. **5** Press **RIGHT**. ➧ "INPUT CODE" **6** twice ➧ **Date** Enter day, month then year. *2 **7** Press **OK**.

- To exit the operation, press any time.

*1 For example, to set 7:15, enter 0715.
*2 For example, to set the 16th of February, 2003, enter 160203.

Redialling

The last 10 numbers dialled are stored in the redial list automatically.

Dialling with the Redial List

1 Press **REDIAL**.*1
2 Search the desired dialled item.
3 Press **TALK**.

Dialling the Last Number Dialled

1 Press **TALK**.
2 Press **REDIAL**.

Editing the Dialled Number in the Redial List

1 Press **REDIAL**.*1
2 Search/Select the desired dialled item.
3 Search/Select "EDIT CALL NO". ➧ The 1st digit of the desired dialled number blinks.
4 Move cursor.
5 Press **C** **CLEAR**.*2
AND/OR
Number Edit the phone number.*3
6 Press **TALK**.
OR
Press **OK** 3 times to store the number. ➧ If you need to store a name, go to **Name** on page 12 or press **OK**.

Clearing One/All Dialled Item(s) in the Redial List

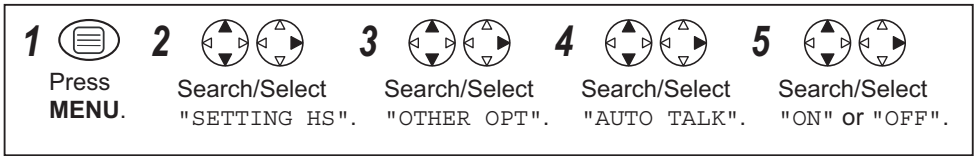
1 Press **REDIAL**.*1
2 Search/Select the desired dialled item.
3 Search/Select "CLEAR" or "ALL CLEAR".
4 Search/Select "YES".

- To exit the operation, press any time.

*1 If there is no item stored in the redial list, the display shows "NO ITEM".
*2 Digits are cleared to the left of the flashing digit.
*3 Digits are added to the left of the flashing digit. If you need to clear and/or add more than one number, repeat the steps from **4**.

Auto Talk

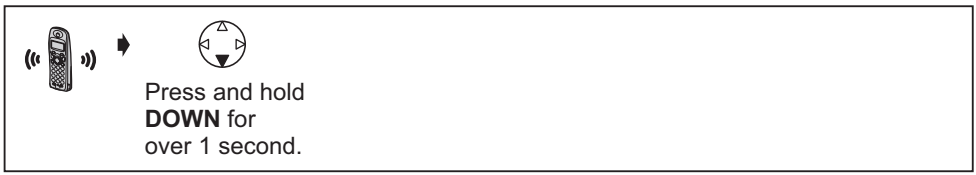
If you set Auto Talk to on, you can answer the phone by lifting the handset off the base unit.



- To exit the operation, press ⏻ any time.

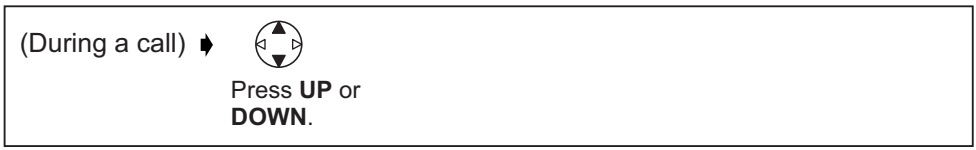
Temporary Bell Off

When an external call is incoming, you can temporarily turn off the handset ringer. This function will not work when the handset is on the base unit.

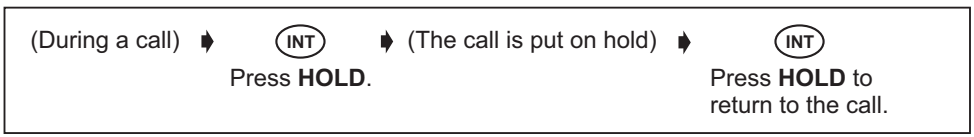


Receiver Volume

During a call, press **UP** or **DOWN** to change the volume setting to LOW (0), MEDIUM (00), HIGH (000).



Putting a Call on Hold



Phonebook

You can store up to 20 callers information in the phonebook.

Storing a Callers Information

1  Press **MENU**.

2  Select "NEW PHONE".

3 **Phone Number** Enter phone number. (max. 24 digits) *1

4  Press **OK**.

5 **Name** Enter name. (max. 9 characters)*1

6  Press **OK**.*2

- To exit the operation, press  any time.

*1 If you need correction, press **RIGHT** or **LEFT** to move cursor then clear character by pressing **CLEAR**, and/or enter characters. Characters are cleared or added to the left of the flashing character. To enter characters, see Character Selection below.

*2 To continue storing another callers information, repeat the steps from **3**.

Character Selection

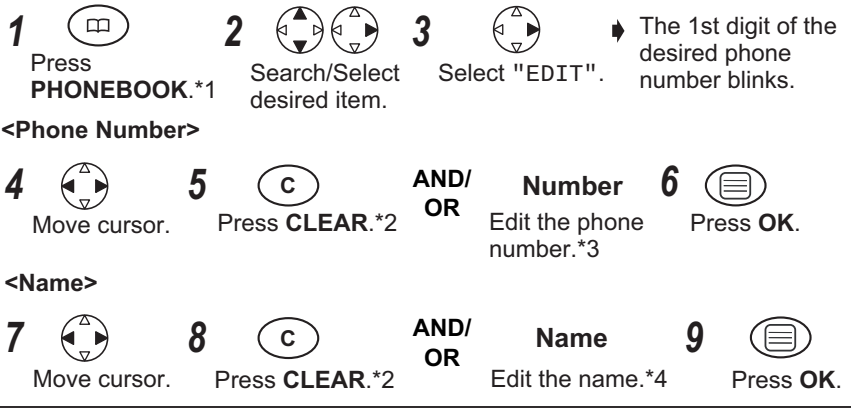
Keys	Number of times key is pressed								Keys	Number of times key is pressed				
	1	2	3	4	5	6	7	8		1	2	3	4	5
1	#	[	]	*	'	-	/	1	6	M	N	O	6	
2	A	B	C	2					7	P	Q	R	S	7
3	D	E	F	3					8	T	U	V	8	
4	G	H	I	4					9	W	X	Y	Z	9
5	J	K	L	5					0	Blank	0			

Character Table

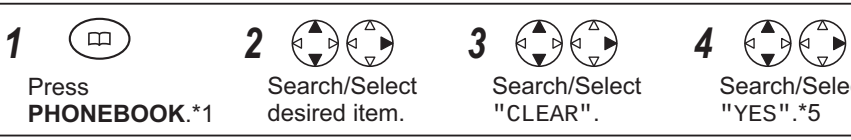
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
																								

Z	1	2	3	4	5	6	7	8	9	*	0	#	-	/	[	]	,
																	

Editing a Caller Information



Clearing a Caller Information



Dialling with the Phonebook



- To exit the operation, press any time.

*1 If there is no item stored in the phonebook, the display shows "NO ITEM".
*2 Digits are cleared to the left of the flashing digit.
*3 Digits are added to the left of the flashing digit. If you need to clear or add more than one digit, repeat the steps from **4**.
*4 Characters are added to the left of the flashing character. If you need to clear or add more than one character, repeat the steps from **7**.
*5 To continue clearing another caller information, repeat the steps from **2**.

Storing the Phone Number into the Phonebook When Pre-dialling

1 **Phone Number** *1

2  Press **OK** to store the number.

3  Press **OK** twice.

4 **Name** Enter name.*2

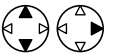
5  Press **OK**.

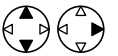
- To exit the operation, press  any time.

*1 If you need correction, press **CLEAR**. Digit is cleared to the left, then enter numbers.
*2 To enter characters, see Character Selection on page 12.

Storing the Number from the Redial List into the Phonebook

1  Press **REDIAL**.*1

2  Search/Select the desired dialled number.

3  Search/Select "SAVE TEL NO".*2

4  Press **OK**.

5 If you need to store a name, go to **Name** on page 12.

OR

 Press **OK**.

- To exit the operation, press  any time.

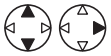
*1 If there is no item stored in the redial list, the display shows "NO ITEM".
*2 If you need correction, press **RIGHT** or **LEFT** to move cursor then clear a digit by pressing **CLEAR**, and/or enter digits. Digits are cleared or added to the left of the flashing digit.

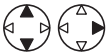
Hot Key

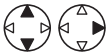
You can assign the dialling buttons 1 through 9 as hot keys. You can choose 9 phone numbers from the phonebook.

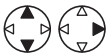
Registering a Phone Number as a Hot Key

1  Press **PHONEBOOK**.*1

2  Search/Select desired item.

3  Search/Select "HOT KEY REG".

4  Search/Select desired dialling button number.*2

5  Search/Select "YES".

Dialling with Hot Key

1 Press and hold the dialling button registered as a hot key.

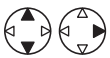
2  Press **TALK**.

Clearing the Hot Key Registration

1 Press and hold the dialling button registered as a hot key.

2  Press **RIGHT**.

3  Select "CLEAR".

4  Search/Select "YES".*3

- To exit the operation, press  any time.

*1 If there is no item stored in the phonebook, the display shows "NO ITEM".
*2 The number is flashing if the dialling button is already assigned as a hot key.
*3 Phonebook registration will be remained even hot key registration is cleared.

Handset Settings

TIME ALARM : Time Alarm

Before programming, please follow steps 1 to 3.

You must set the clock before setting the time alarm.

1 Press **MENU**.

2 Search/Select "SETTING HS".

3 Search/Select "TIME ALARM".

Setting Alarm Time

4 Search/Select "SET TIME".

5 **Time** Enter time. 4-digit (24 hour clock)

6 Press **OK**.

7 Search/Select "OFF", "ONCE" or "REPEAT DAILY".

Setting Time Alarm On/Off

4 Search/Select "SET ALARM".

5 Search/Select "OFF", "ONCE" or "REPEAT DAILY".

- To exit the operation, press  any time.

To stop time alarm: Time alarm will sound for 3 minutes. When the alarm sounds, press any dialling buttons or key. Alarm stops and display returns to the standby mode.
If "ONCE" is selected, the setting is turned off. When in talk mode, the alarm will not sound until the call is ended.

RINGER OPT : Ringer Option

Before programming, please follow steps 1 to 3.

1 Press **MENU**.
2 Search/Select "SETTING HS".
3 Search/Select "RINGER OPT".

Setting the Ringer Volume
The choices are 6 levels and off.

4 Search/Select "RINGER VOL".
5 Search/Select desired ringer volume.

- If "RINGER OFF" is selected, -- 0 -- is displayed.

Setting the Ringer Pattern for External Call/Alarm
There are 20 patterns available on each ringer.

4 Search/Select "EXT RINGER", or "ALARM".
5 Search/Select desired ringer pattern.*1

- To exit the operation, press C any time.
- Each ringer will start ringing with lower volume then gradually increase the volume when receiving a call.

*1 If you select one of the melody ringer patterns, it keeps ringing for 10 seconds even if a caller hangs up a call. Therefore, you may hear dial tone or no one there after you answer a call.

Handset Settings

TONE OPT : Tone Option

You can set the following sounds on or off.

Key Tone: Key tone will sound when you press any key, and a confirmation tone and an error tone will be heard during operation.

Range Warning Alarm: Alarm will sound when you move out of range of a base unit.

Battery Low Alarm: Alarm will sound when the batteries need to be charged.

1 Press **MENU**.

2 Search/Select "SETTING HS".

3 Search/Select "TONE OPT".

4 Search/Select "KEY TONE", "RANGE ALARM" or "BATTERY LOW".

5 Search/Select "ON" or "OFF".

- To exit the operation, press C any time.

DISPLAY OPT : Display Option

Before programming, please follow steps 1 to 3.

1 Press **MENU**. **2** Search/Select "SETTING HS". **3** Search/Select "DISPLAY OPT".

Selecting the Talk Mode Display

Even if you select "PHONE NO", the other party's phone number will not appear on your display when you receive calls.

4 Search/Select "TALK MODE". **5** Search/Select "TALK TIME"(Length of the call) or "PHONE NO"(Phone number).

Selecting the Display Language

4 Search/Select "LANGUAGE". **5** Search/Select desired language.*1

- To exit the operation, press any time.

*1 You can select one of 10 languages.
If you set a language you cannot read, reset the handset to its initial settings.
Press **MENU ➧ DOWN ➧ RIGHT ➧ UP ➧ RIGHT ➧ 4 digit Handset PIN ➧ UP ➧ OK**
All handset setting will be reset to their initial settings (p.24), however, the Phonebook data will be saved.

CALL OPT : Call Option

Call BAR On/Off

Bars all calls except emergency calls.

1 Press **MENU**. **2** Search/Select "SETTING HS". **3** Search/Select "CALL OPT".
4 Search/Select "CALL BAR". **5** **4-digit Handset PIN***1 **6** Search/Select "ON" or "OFF".*2

- To exit the operation, press any time.

*1 The factory preset is 0000.

*2 If "ON" is selected, ·· ! ·· is displayed.

Handset Settings

Before programming, please follow steps 1 to 3.

1 Press **MENU**. **2** Search/Select "SETTING HS". **3** Search/Select "CALL OPT".

Setting the Direct Call Number

After a direct call number has been set and on, you can dial the direct call number only by pressing **TALK**. Incoming calls are accepted.

4 Search/Select "DIRECT NO".

5 Phone Number Enter the direct call number. (max. 24 digits)

6 Press **OK** 3 times.

Setting the Direct Call On/Off

4 Search/Select "SET DIRECT".

5 Search/Select "ON" or "OFF". *1

- To exit the operation, press any time.

*1 If "ON" is selected, is displayed.

OTHER OPT : Other Options

Changing Handset PIN

The factory preset is 0000. **Once you have programmed the handset PIN, you cannot confirm it. We recommend you write down the handset PIN. If you forget it, please consult your nearest Panasonic Service Centre.**

1 Press **MENU**. **2** Search/Select "SETTING HS". **3** Search/Select "OTHER OPT". **4** Search/Select "HSPIN CHANGE".

5 Current 4-digit Handset PIN **6 New 4-digit Handset PIN**

7 New 4-digit Handset PIN again to verify

- To exit the operation, press any time.

Key Lock

You can lock the handset dialling buttons. Only incoming calls are accepted while the key lock is on. The key lock is cancelled if the handset is turned off.
When the key lock is on, emergency calls cannot be made until key lock is cancelled.

Key Lock On	Key Lock Off
 Press **OK** for more than 2 seconds.	 Press **OK** for more than 2 seconds.

- is displayed and all dialling buttons are locked.

Recall Feature

RECALL is used to access special telephone services. Contact your Network provider for details. If your unit is connected to a PBX, pressing **RECALL** allows you to access some features of your host PBX such as transferring an extension call.

Dialling Pause (for PBX line/long distance service users)

A dialling pause is used when a pause in the dialling of the phone number is necessary using a PBX or accessing a long distance service.
For example, when 9 (line access number) is dialled followed by a pause to access an outside line through a PBX:

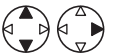
1	2	3	4
9		Phone Number	
	Press **PAUSE**. *1		Press **TALK**.

- Entering a pause prevents misdialling when you redial or dial a stored number.
- Pressing **PAUSE** once creates one pause. To extend the pause requirement time, press **PAUSE** accordingly.

*1 is displayed on the LCD.

Base Unit Settings

Before programming, please follow steps 1 to 2.

1  **2**  ➧ "INPUT CODE"

Press **MENU**. Search/Select "SETTING BS".

Changing Base Unit PIN

The factory preset is 0000. **Once you have programmed the base unit PIN, you cannot confirm it. We recommend you write down the base unit PIN. If you forget it, please consult your nearest Panasonic Service Centre.**

3 (5) **4 Current 4-digit Base Unit PIN** **5 New 4-digit Base Unit PIN**

6 New 4-digit Base Unit PIN again to verify

Selecting the Flash Timing

You can select the flash timing, 100 msec (milliseconds), or 600 msec depending on your PBX requirements.

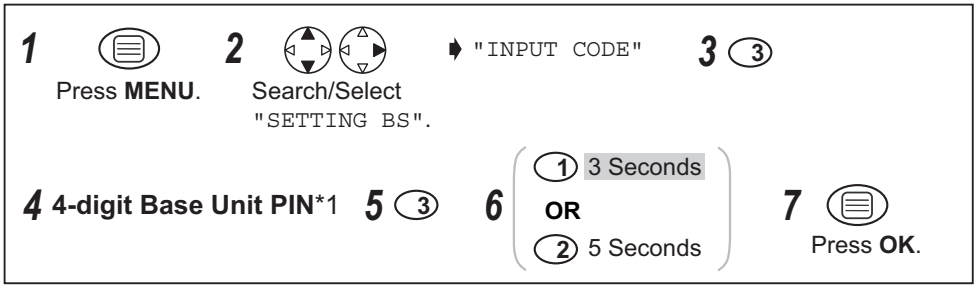
3 (3) **4 4-digit Base Unit PIN***1 **5** (2) **6** (1) **7** (1) 100mse **OR** (2) 600ms **8**  Press **OK**.

- To exit the operation, press  any time.

*1 The factory preset is 0000.

Pause Timing

You can set the pause timing to 3 or 5 seconds, depending on your PBX requirements.



- To exit the operation, press C any time.
- The factory preset is in shade.

*1 The factory preset is 0000.

Initial Settings

◆◆ RESET HS : Reset Handset

You can reset all of the handset settings to their initial settings.

1 Press **MENU**.
2 Search/Select "SETTING HS".
3 Search/Select "RESET HS".
4 **4-digit Handset PIN***1
5 Search/Select "YES" or "NO".

- To exit the operation, press C any time.

*1 The factory preset is 0000.

Handset Initial Settings

Function	Initial Setting
Time Alarm Mode	OFF
Alarm Time	Clear
Handset Ringer Volume	6
Handset External Ringer Pattern	1
Handset Alarm Tone Pattern	1
Key Tone	ON
Range Warning Alarm	OFF
Battery Low Alarm	ON
Talk Mode Display	Length of the Call
Display Language	English
Call BAR	OFF
Direct Call Mode	OFF
Direct Call Number	Clear
4-Digit Handset PIN	0000
Auto Talk	OFF
Redial Memory	All Clear
Handset Receiver Volume	Medium

Reset Base Unit Settings

1 Press **MENU**. **2** Search/Select "SETTING BS". ➧ "INPUT CODE" **3** 0

4 **4-digit Base Unit PIN***1 **5** Press **OK**.

- To exit the operation, press C any time.

*1 The factory preset is 0000.

Base Unit Initial Settings

Function	Initial Setting
Flash Timing	600 msec
Pause Timing	3 seconds
4-Digit Base Unit PIN	0000

Before Requesting Help

If you experience any problems with the normal use of your apparatus, you should unplug it from the telephone outlet and connect a known working telephone in its place. If the known working telephone still has problems, then please contact the customer service department of your Network provider.
If it operates correctly, then the problem is likely to be a fault in your apparatus.
In this case, contact your supplier for advice. Your Network provider may charge you if they attend a service call that is not due to apparatus supplied by them.

Turn the power OFF then ON (Handset) / Disconnect then connect the AC adaptor (Base unit).

Problem	Possible cause	Solution
NO LCD display in handset.	• Handset not turned on.	• Turn on power (p.9).
Handset will not turn on.	• Batteries not inserted. • Batteries not charged.	• Insert the 2 rechargeable batteries supplied (p.4). • Place handset in base and connect AC adaptor to base and AC outlet (full charge period 7 hrs).
Batteries charge icon not counting up.	• Dirty charge contact. • Base not powered up.	• Clean charge / battery contact and retry charge. • Connect AC adaptor to base unit and AC outlet.
icon flashes.	• Handset out of range of base. • No power into base unit.	• Move handset closer to base. • Connect AC adaptor to base unit and AC outlet.
Handset busy tone heard when is pressed.	• Handset out of range of base.	• Move handset closer to base.
No dial tone.	• Telephone line not connected.	• Insert telephone cord to network. • Turn power OFF then ON.
Cannot dial out.	• Call BAR set. • Key lock mode ON.	• Turn feature off. • Turn key lock OFF.
Handset will not ring.	• Ringer switched off.	• Set ringer to one of 6 volume levels. (see "Handset Settings".)
Last number redial does not work.	• Number exceeded 24 digits.	• Redial manually.
icon flashes.	• Battery low.	• Recharge batteries.
icon is disappeared.	• Wrong battery type selected.	• Set the correct battery type.

Specifications:

Standard:	DECT=(Digital Enhanced Cordless Telecommunications)
Number of channels:	120 Duplex Channels
Frequency range:	1.88 GHz to 1.9 GHz
Duplex procedure:	TDMA (Time Division Multiple Access)
Channel spacing:	1728 kHz
Bit rate:	1152 kbit/s
Modulation:	GFSK
RF Transmission Power:	approx. 250 mW
Voice coding:	ADPCM 32 kbit/s
Power source:	AC Adaptor 230 - 240 V, 50 Hz
Power consumption, base unit:	5 VA
Operating conditions:	5 - 40 °C, 20 - 80 % relative air humidity (dry)
Dimensions, Base Unit:	About (58 mm x 128 mm x 105 mm) x 170 g
Dimensions, Handset:	About (143 mm x 48 mm x 32 mm) x 120 g

- Specifications are subject to change.
- The illustrations used in this manual may differ slightly from the original device.

Connections:
The unit will not work during a power failure. We recommend you connect a standard telephone on the same line for power protetion.

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For your future reference

Serial No. Date of purchase

(found on the bottom of the unit)

Name and address of dealer

Attach or keep original receipt to assist with any repair under warranty.

Technical specifications are subject to change.

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350 Te Irirangi Drive
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Panmure
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